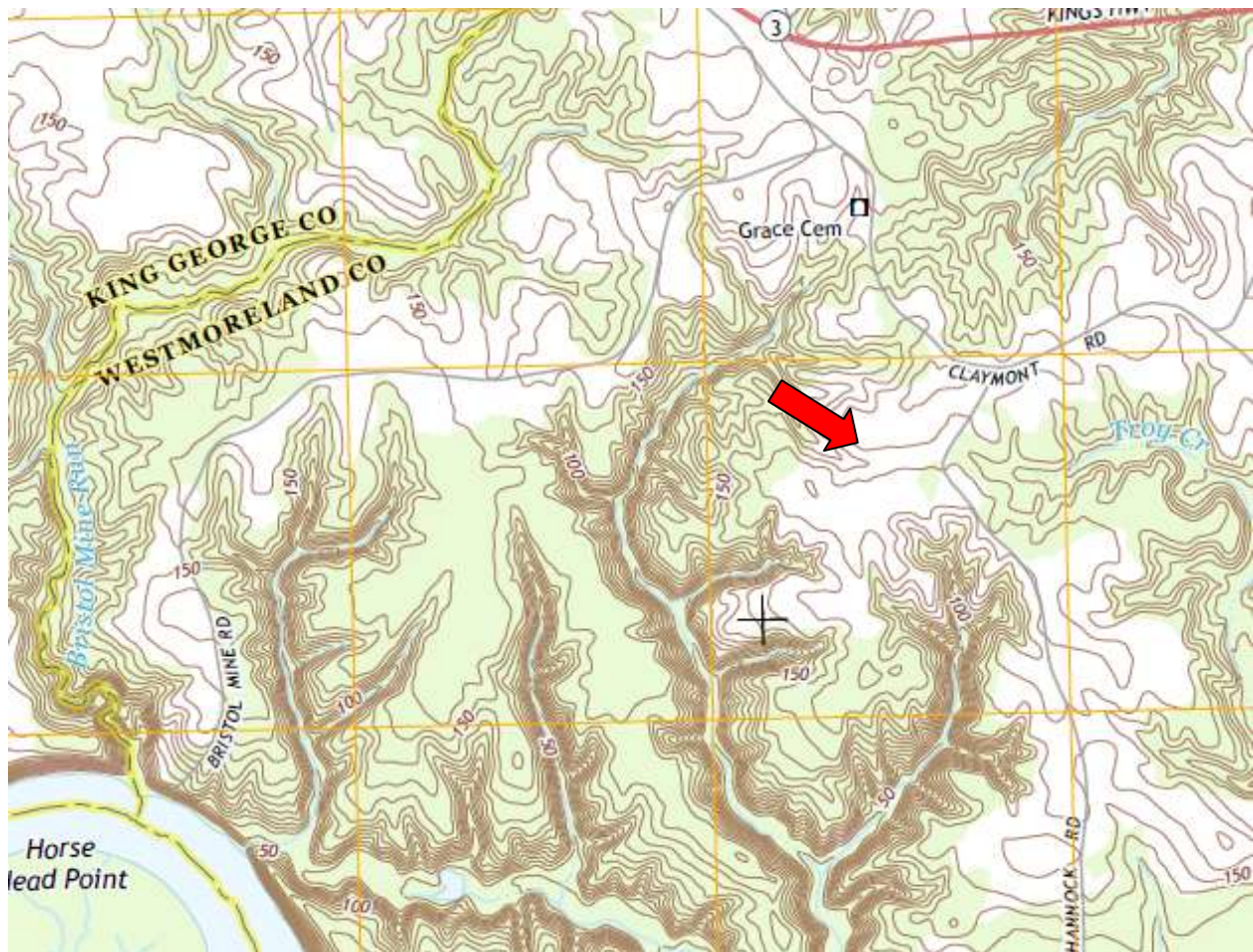


ROLLINS - RESIDUE PORTEUS VI FARM
WESTMORELAND COUNTY

Owner: Mildred & Rodney Rollins
12026 Kings Hwy.
King George, VA 22485

The Rollins – Residue Porteus VI Farm, owned by Mildred and Rodney Rollins, is located on Rappahannock Road in Westmoreland County. The fields being requested for application are identified as Westmoreland County TM 8 Parcel 14.

Location Map Residue Porteus VI Farm (77 02.348 W 38 10.289N)



Westmoreland County, Virginia

Carol Gawen, Commissioner

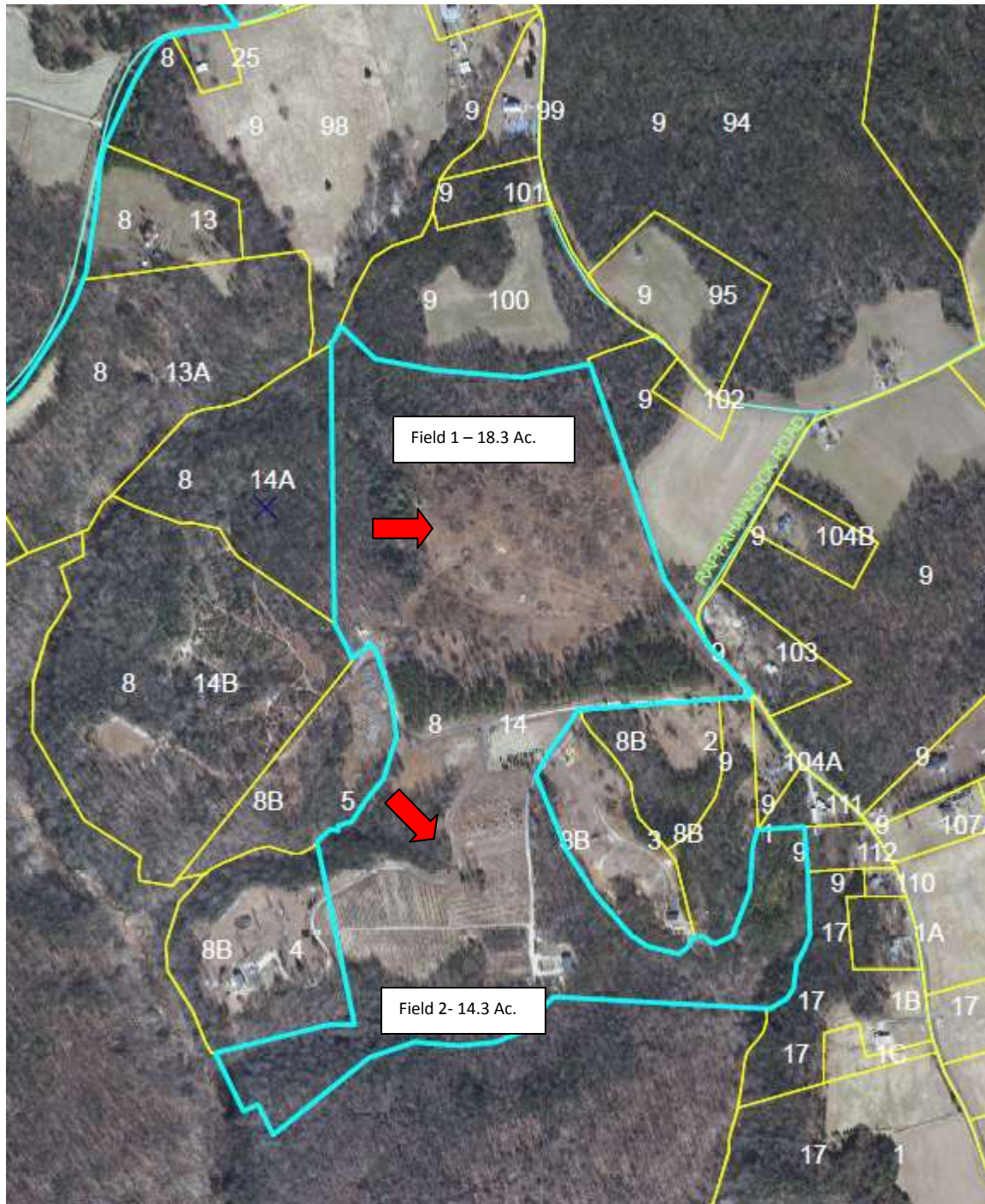
[e-mail Carol Gawen](#)

Property Identification Card

[Previous](#)

Property Address:	Owner Name/Address:	
	ROLLINS MILDRED I AND RODNEY D	
	12026 KINGS HIGHWAY	
	KING GEORGE VA 22485	
Map#: 8 14		
Acct#: 17799-1		
Legal Description:	SAMPSONS ESTATE 70.38 AC	
	DB 806 PG 207 R/S	
Occupancy:	BK/PG: Deed 806/207	
Dwelling Type:	Acreage: 70.380	
Use/Class: AGRICULTURAL-20-100 AC	Year Built: 0	
Year Assessed: 2010	Year Remd:	
Zoning:	Year Effr:	
District: 03 WASHINGTON	On Site Dte: 05/04/2009	
MH Type:	Review Date: 05/18/2009	
Condition:	Land Use: 99990	
	Tot. Mineral:	
	Total Land: 100900	
	Total Imp.: \$27,000	
	Total Value: \$127,900	

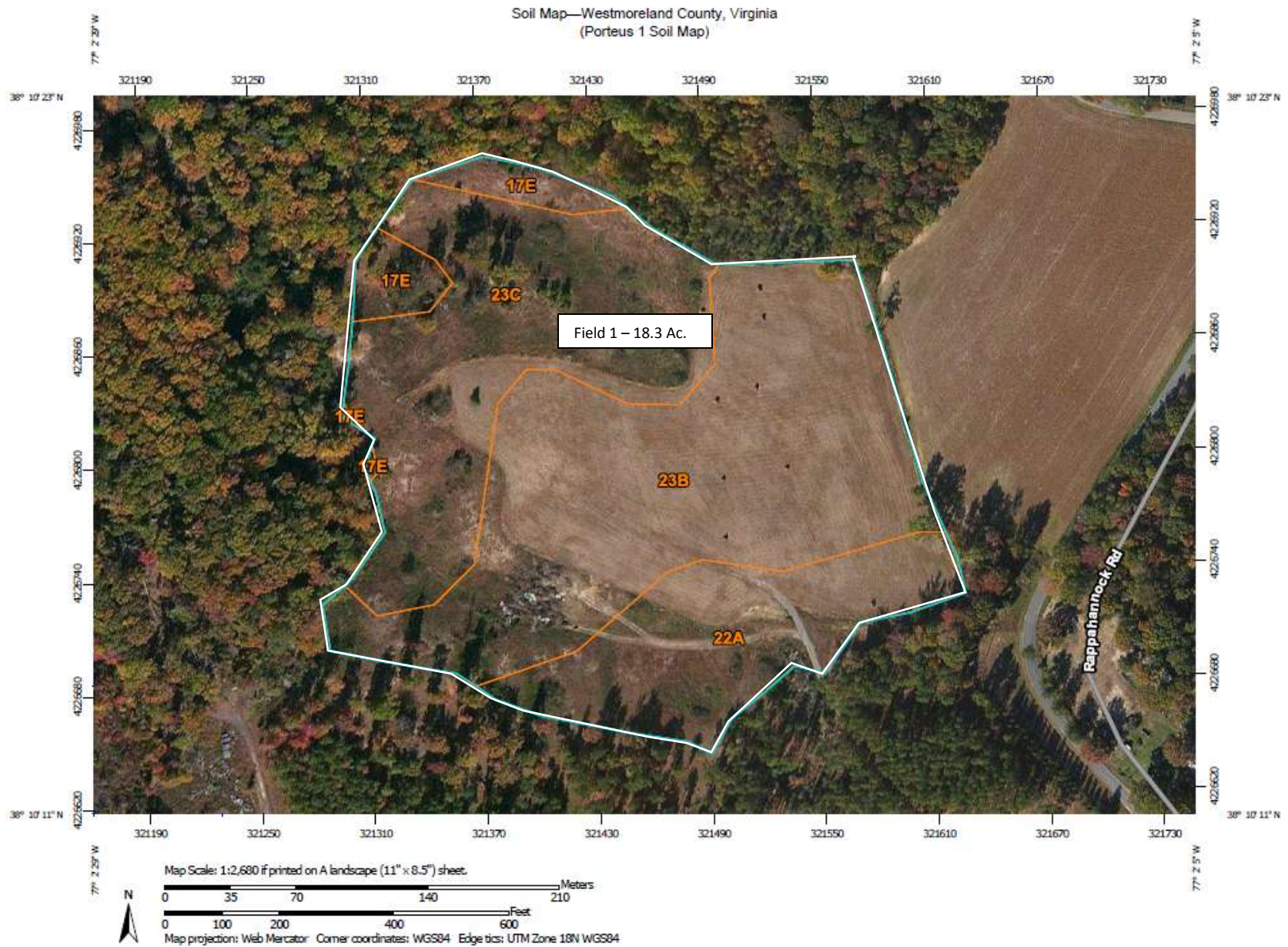
Retention	Improvement Description	Retention	Rate
			STANDARD-MAINT



The field net application acreages are:

Field 1 –18.3 Ac; Field 2 –14.3 Ac.

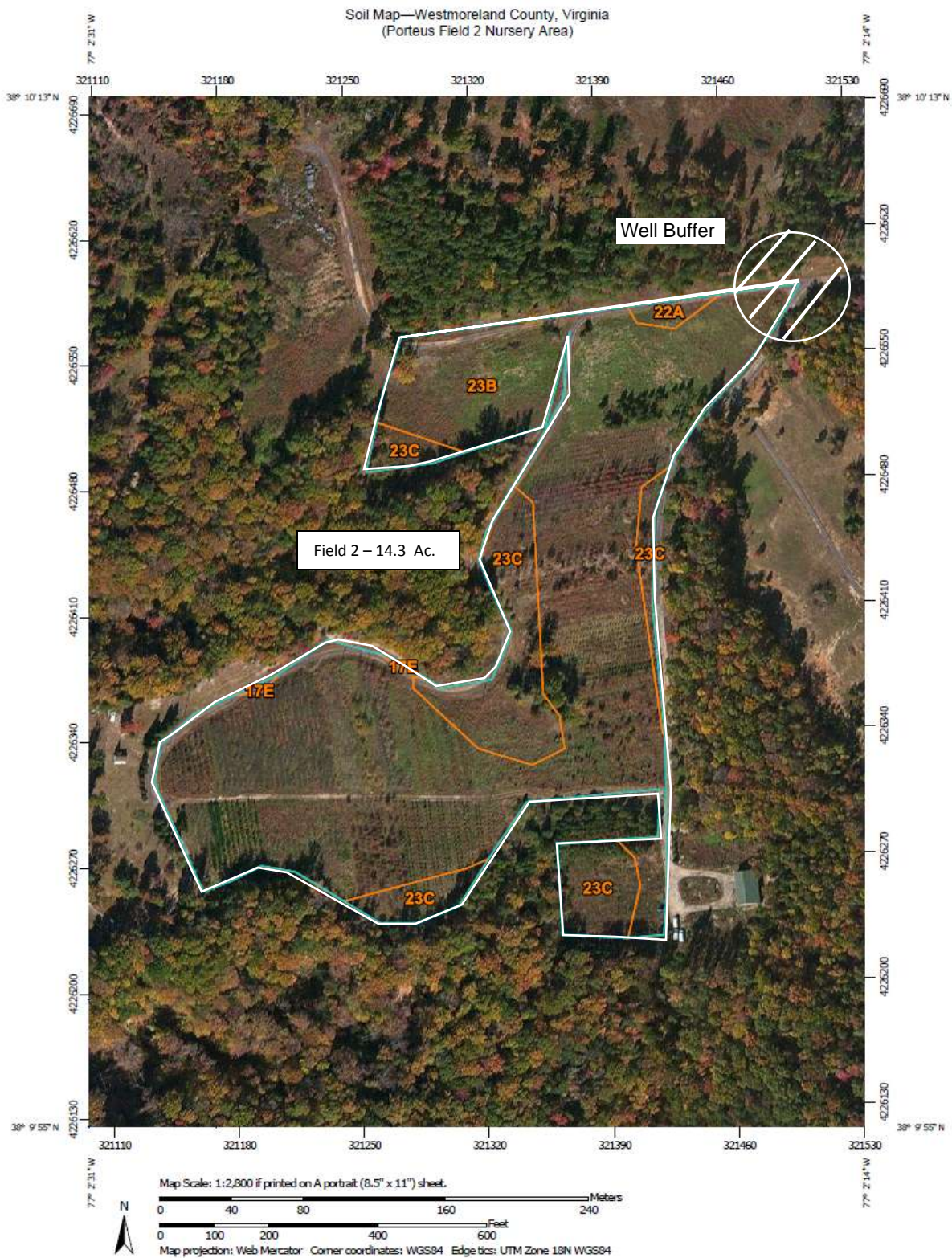
The fields are identified on aerial and topographic maps with USDA soil mapping (Web Soil Survey).
The predominant site soils are Turbeville loam.



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

10/20/2014
Page 1 of 3



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/13/2014
Page 1 of 3

Predominant Soil Groups – 23B and 23C (Turbeville Loam). Descriptions provided from USDA Web Soil Survey.



A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for **Westmoreland County, Virginia**

RESIDUE PORTEUS VI SOILS

23B—Turbeville loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 41hq
Elevation: 200 to 900 feet
Mean annual precipitation: 32 to 48 inches
Mean annual air temperature: 47 to 69 degrees F
Frost-free period: 192 to 233 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Turbeville and similar soils: 85 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Turbeville

Setting

Landform: Terraces
Landform position (three-dimensional): Tread
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Alluvium

Typical profile

H1 - 0 to 14 inches: loam
H2 - 14 to 40 inches: clay loam
H3 - 40 to 70 inches: clay loam

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in./hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 9.1 inches)

Hydrologic Soil Group: B

23C—Turbeville loam, 6 to 10 percent slopes

Map Unit Setting

National map unit symbol: 41hr

Elevation: 200 to 900 feet

Mean annual precipitation: 32 to 48 inches

Mean annual air temperature: 47 to 69 degrees F

Frost-free period: 192 to 233 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Turbeville and similar soils: 85 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Turbeville

Setting

Landform: Terraces

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Alluvium

Typical profile

H1 - 0 to 14 inches: loam

H2 - 14 to 40 inches: clay loam

H3 - 40 to 70 inches: clay loam

Properties and qualities

Slope: 6 to 10 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: High (about 9.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B



**VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM
SECTION C: LAND APPLICATION OF BULK BIOSOLIDS**

LAND APPLICATION AGREEMENT - BIOSOLIDS

A. This land application agreement is made on _____ between Mildred Rollins referred to here as "Landowner", and Crops Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Westmoreland Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
TM 8 Parcel 14			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:



The Landowner is the sole owner of the properties identified herein.

The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

3. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
4. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply biosolids on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of biosolids for the purpose of determining compliance with regulatory requirements applicable to such application.

Mildred Rollins - owner
Landowner - Printed Name, Title

Mildred Rollins
Signature

12026 Kings Hwy
Mailing Address
King George, Va 22485

Permittee:

Crops Inc., the Permittee, agrees to apply biosolids on the Landowner's land in the manner authorized by the VPDES Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the documents assigning signatory authority to the person signing for landowner above. I will make a copy of this document available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Rodney D. Rollins
Permittee - Authorized Representative
Printed Name

Rodney D. Rollins
Signature

10558 Kings Hwy
Mailing Address
King George VA 22481

VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM
SECTION C: LAND APPLICATION OF BULK BIOSOLIDS

LAND APPLICATION AGREEMENT - BIOSOLIDS

Permittee: Crops Inc.

County or City: Westmoreland

Landowner: Mildred Rollins

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Mildred Rollins
Landowner's Signature

11-28-12
Date

**VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM
SECTION C: LAND APPLICATION OF BULK BIOSOLIDS**

LAND APPLICATION AGREEMENT - BIOSOLIDS

A. This land application agreement is made on 11-27-12 between Rodney D. Rollins referred to here as "Landowner", and CAPE FOG referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Westonville Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
TM 8 Parcel 14			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check over:

- ☒ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

3. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
4. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply biosolids on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of biosolids for the purpose of determining compliance with regulatory requirements applicable to such application.

Rodney D. Rollins - owner x Rodney D. Rollins 320 Bristol/Mile Rd Westonville, Va
 Landowner - Printed Name, Title Signature Mailing Address 22443

Permittee:

Crop, Inc. the Permittee, agrees to apply biosolids on the Landowner's land in the manner authorized by the VPDES Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.1 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the documents assigning signatory authority to the person signing for landowner above. I will make a copy of this document available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Rodney D. Rollins Rodney D. Rollins Pres 10558 Kings Hwy VA
 Permittee - Authorized Representative Signature Mailing Address King George 22485

LAND APPLICATION AGREEMENT - BIOSOLIDS

City/County: Westmoreland

Table 1 continued: Parcels authorized to receive biosolids.

[illegible]

350 Bristol mine Rd
Mailing Address Col. Beach, VA
22443

[illegible]